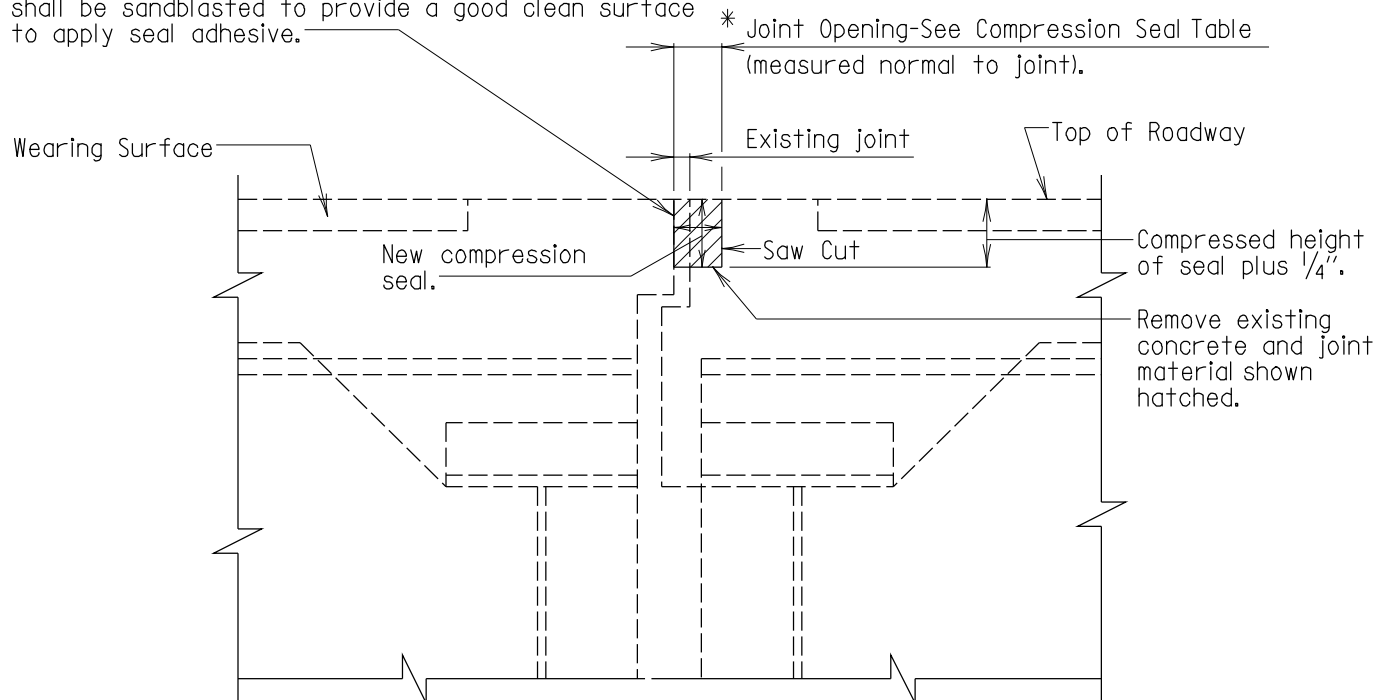


If this edge is rough or deteriorated (to be determined by the Engineer) saw cut to provide a smooth surface (Saw cut a maximum of 1/2" width).
If existing surface is to remain, without cutting, it shall be sandblasted to provide a good clean surface to apply seal adhesive.



* Prior to ordering joint material each joint shall be evaluated to determine width of saw cutting required. If at 60° F or below the joint opening is 2" or less (measured perpendicular to \perp of joint) the 3" seal may be used. For openings greater than above, contact Office of Bridge Development. If the larger seal is required, the Contractor will be paid the differential in cost of material between the two seals being compared.

SECTION

Scale: 1" = 1'-0"

COMPRESSION SEAL TABLE								
Location	Uncompressed Seal Width	Joint Opening @						Movement Rating
		40° F	50° F	60° F	70° F	80° F	90° F	
.	1 3/4"	.	.	1 1/8"	.	.	.	0.66"
.	3"	.	.	1 5/16"	.	.	.	1.25"
.	5"	.	.	3"	.	.	.	2.50"
.	6"	.	.	3 5/8"	.	.	.	2.85"
.

Note:

- Existing Structure shown dashed.
- Existing slab to remain.
- The 1 3/4" and 3" seals to be one piece for full length of seal (no joints).
- The 5" and 6" seals may have one shop splice per joint, if the length of joint exceeds 50'. Splice shall be at least 15' from gutter line.
- Joint area shall be thoroughly cleaned just prior to placing seal.

APPROVAL	
<i>L. S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 11/14/80	
REVISIONS	
SHA	FHWA
10-27-92	.
6-4-93	.
2-11-97	.
11-17-97	.

FHWA APPROVAL
DATE: 3-16-81

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

MODIFIED EXISTING BRIDGE DECK
NON-ARMORED EXPANSION JOINT AT PIERS

STANDARD NO. BR-SS(7.10)-80-116

SHEET 1 OF 1